VISION e-line SOLUS

PREMIUM ELECTRIC FIRES

Installer Instruction Manual & User Guide

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION AND OPERATION. KEEP THEM IN A SAFE PLACE FOR FUTURE REFERENCE.

UK CA

CE

REV A 05/26

CONTENTS

1. IMPORTANT INFORMATION

Before installation, check that all parts included are undamaged. If the appliance is damaged, check with the supplier before installation and operation. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

CAUTION: In order to avoid a hazard due to the inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

Do not use the appliance outdoors.

Do not use the appliance in the immediate surroundings of a bath, a shower or a swimming pool.

Do not leave the appliance unattended during use.

Do not run the mains cable under carpet, rugs, etc.

Do not locate the appliance immediately below a fixed socket outlet or connection box.

Do not install the appliance using an extension cord.

Do not install the appliance in an open flue.

Do not insert any objects into the appliance.

Do not clean the appliance with abrasive cleaners.

Do not use this fire in rooms that have explosive gas in them (for example petrol), or if you are using solvents, glue, aerosol spray or in flammable paints, as these may catch fire.

Do not use this appliance in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

Do switch off and unplug the appliance from the main socket when not in use or before cleaning and maintenance.

Do keep the appliance away at least 1 metre from furniture, curtains or other combustible material when in use.

Do ensure the plug remains easily accessible after installation of the appliance.

Do use this appliance on a horizontal and stable surface.

CAUTION: Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

Children of less than 3 years should be kept away from the products unless continuous supervised. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

NOTE: A dedicated, properly fused 13 Amp circuit is required, rated for the appropriate voltage (230-240V). An isolation switch should also be incorporated in cases where the product plug is inaccessible after installation.

NOTE: This appliance must be earthed.

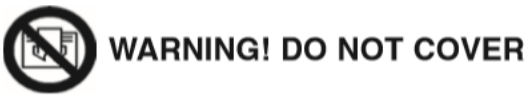
1. IMPORTANT INFORMATION

WARNING! Construction and wiring (including electrical safe zones) must comply with local building codes and other applicable regulations to reduce the risk of fire, electric shock and injury to persons.

WARNING! To reduce the risk of fire, electric shock or injury to persons, always use a licensed electrician.

WARNING! Information for authorized person or service centre only: A non-rewireable plug fitted with a 13A fuse is supplied. Should the fuse or plug need replacing, and you are competent to do so, it must be replaced with a 13A fuse or plug being 13A BS1363A approved.

WARNING: In order to avoid overheating, do not cover the heater or air vents located on the appliance or obstruct the air circulation around the appliance.



2. TECHNICAL INFORMATION

	VS100+	VS130+	VS150+	VS180+	VS220+
Weight (kg)	44.5	52.8	54.3	70.8	87
Dimensions (mm)	H548Xw1030xD296	H548Xw1330xD296	H548Xw1530xD296	H548Xw1830xD296	H548Xw2230xD296
Supply Voltage	230-240V AC/50Hz	230-240V AC/50Hz	230-240V AC/50Hz	230-240V AC/50Hz	230-240V AC/50Hz
Max. Power Consumption	2000W	2000W	2000W	2000W	2000W
Power for Flame Effect	15W	20W	24W	24W	34W
Power for Ambient Light Kit	30W	18W	36W	25W	30W

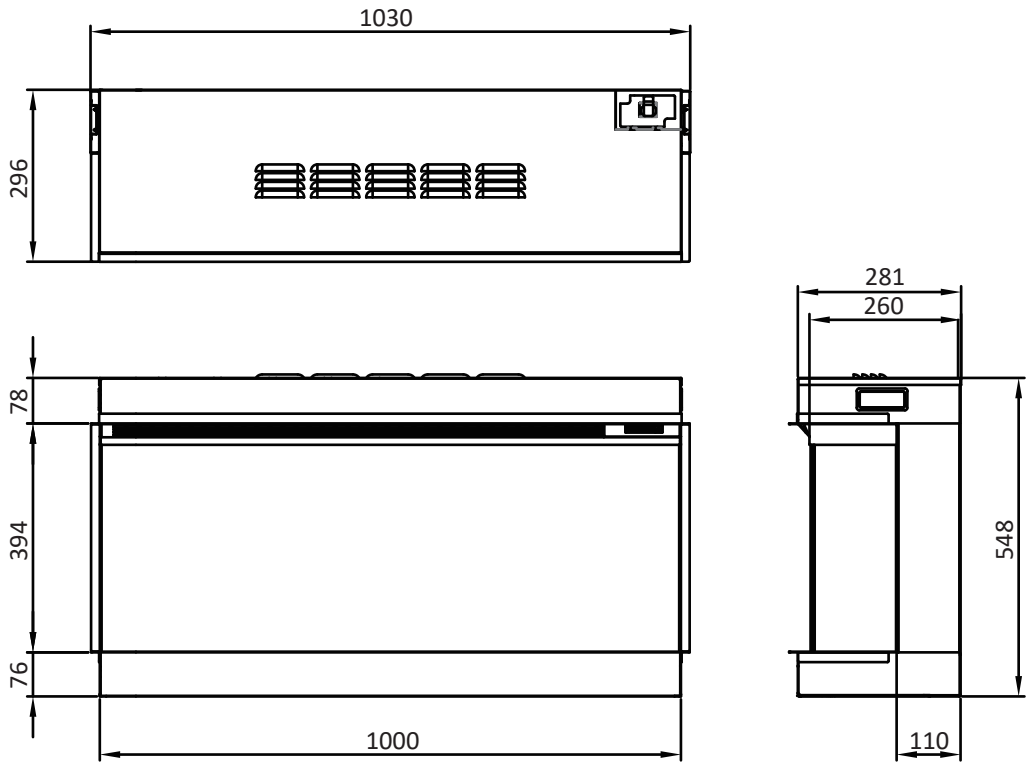
HEAT OUTPUT	SYMBOL	VALUE	UNIT
Nominal Heat Output	P_{nom}	1830 - 2000	W
Minimum Heat Output	P_{min}	915	W
Maximum Continuous Heat Output	P_{max}	2000	W
POWER CONSUMPTION			
In Idle Mode	P_{idle}	1.55	W
In Network Standby	P_{nsm}	1.55	W
In Off Mode	P_0	0	W
In Standby Mode	P_{sm}	N/A	N/A
Standby with Display of Information or Status		NO	W
Seasonal Space Heating Energy Efficiency in Active	$NS_{,on}$	98	%

TYPE OF HEAT OUTPUT / ROOM TEMPERATURE CONTROL	YES / NO
Single stage heat output and no room temperature control	NO
Two or more manual stages, no room temperature control	NO
With mechanic thermostat room temperature control	NO
With electronic room temperature control	YES
Electronic room temperature control plus day timer	YES
Electronic room temperature control plus week timer	YES
OTHER CONTROL OPTIONS	**YES / NO**
Room temperature control, with presence detection	NO
Room temperature control, with open window detection	YES
With distance control option	YES
With working time limitation	NO
With black bulb sensor	NO
With adaptive start control	YES
Self learning functionality	NO
Control accuracy	YES

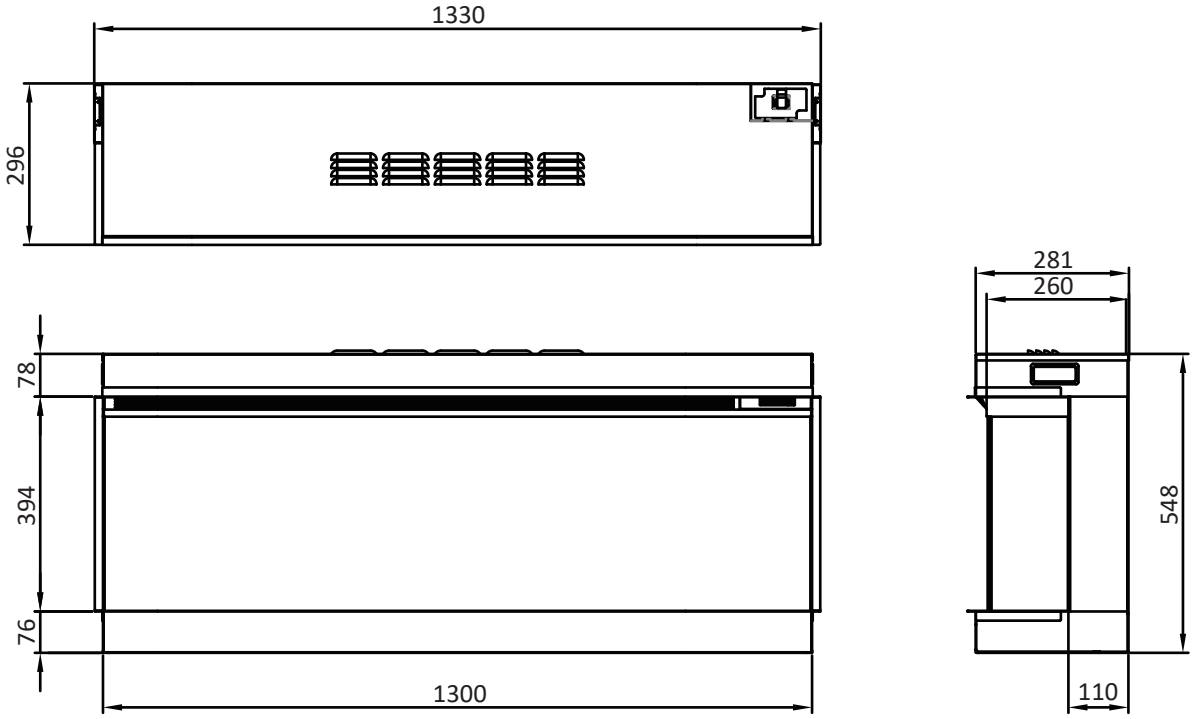
ITEMS	MAIN CONTROL BOARD	WiFi MODULE	REMOTE CONTROL
Hardware	RC01-112A01/112C01(ONLY VS220+)	WBR3 V1.0	RF455H-V0.0
Software/Logic	TC01-112A01-V03.003	/	RCS20E01-E.0.1
Frequency	FSK 433.92MHz/2.4GHz	2.4GHz	FSK 433.92MHz
Maximum Transmit Power	10mW	100mW	10mW

3. APPLIANCE DIMENSIONS

VS100

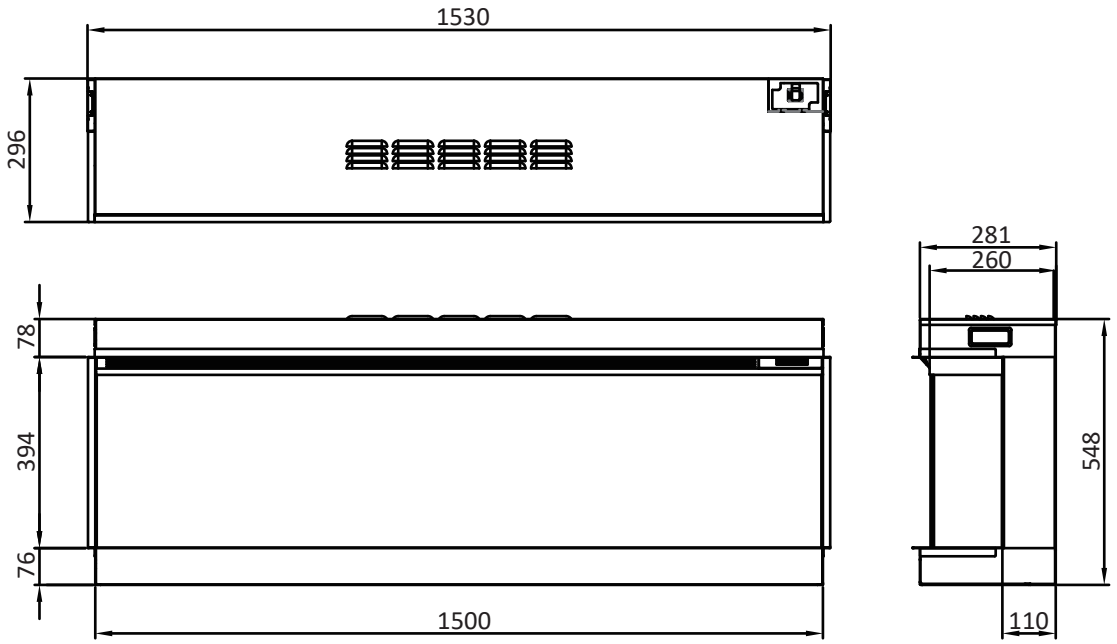


VS130

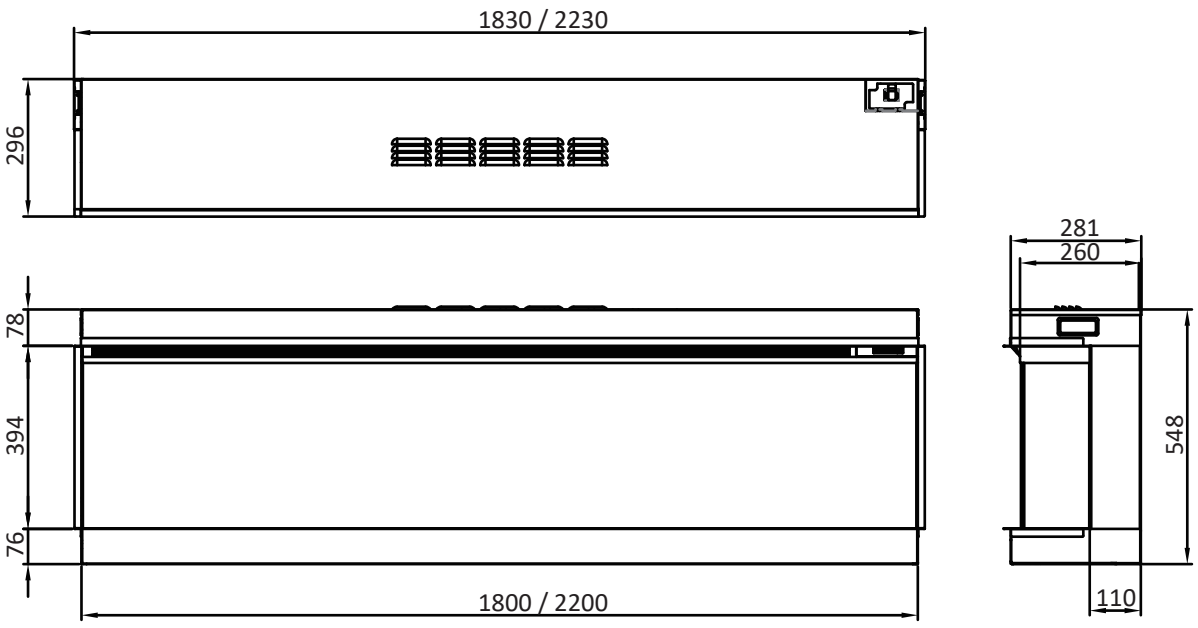


3. APPLIANCE DIMENSIONS

VS150



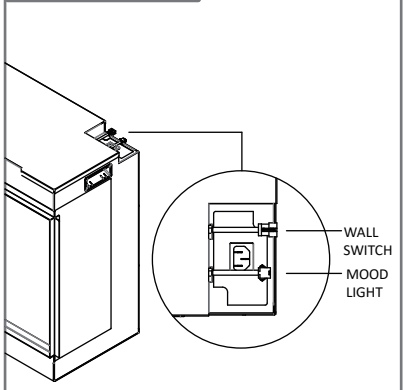
VS180 / VS220



4. AMBIENT LIGHT KIT

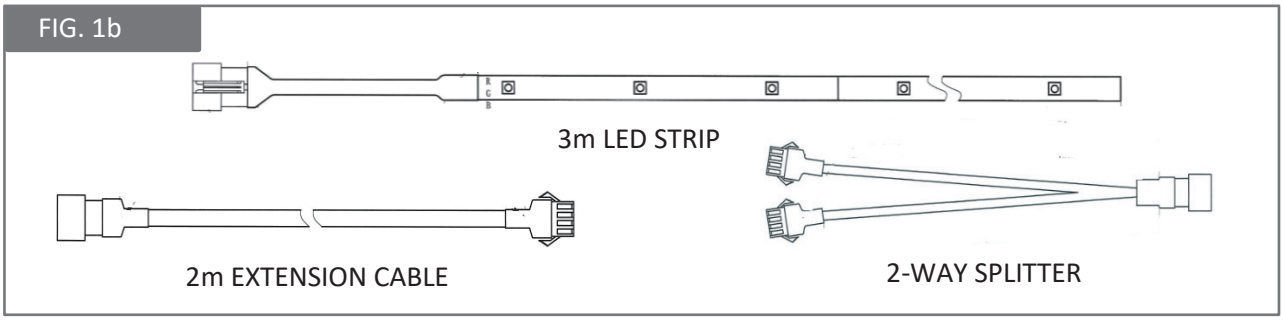
This appliance can be used with an LED mood lighting kit approved by Vision Fires – The Solus Ambient Light Kit (available from your retailer). Other, non-approved LED light kits must not be used as they may damage the appliance and invalidate the warranty. The Solus Ambient Light Kit must only be used when connected directly to the appliance using the pre- fitted connecting adaptor (this can be found at the top right-hand corner of the appliance by the mains plug, see Fig. 1a). The Solus Ambient Light Kit must not be adapted to be operated independently of the appliance, such as modifying it to run on an independent 240v supply.

FIG. 1a



The Solus Ambient Light Kit is supplied as a 3m LED strip with adhesive tape backing, a 2m extension cable (not illuminated) and a 2-way splitter which may be used to attach two separate kits to the same appliance, allowing each kit to be routed to different directions/locations.

FIG. 1b



The length of an individual kit may be extended by joining another kit using LED strip connectors (not supplied), but only to a maximum of 6m in total of LED strip.

IMPORTANT: When fitting a Solus Ambient Light Kit into a Solus appliance that is built into a sealed fireplace (such as a media wall), the kit must be fitted to the appliance during the initial build stage. The Solus Ambient Light Kit is not a retrofit option as the connecting adapter on the appliance is often not accessible after installation in these installation types.

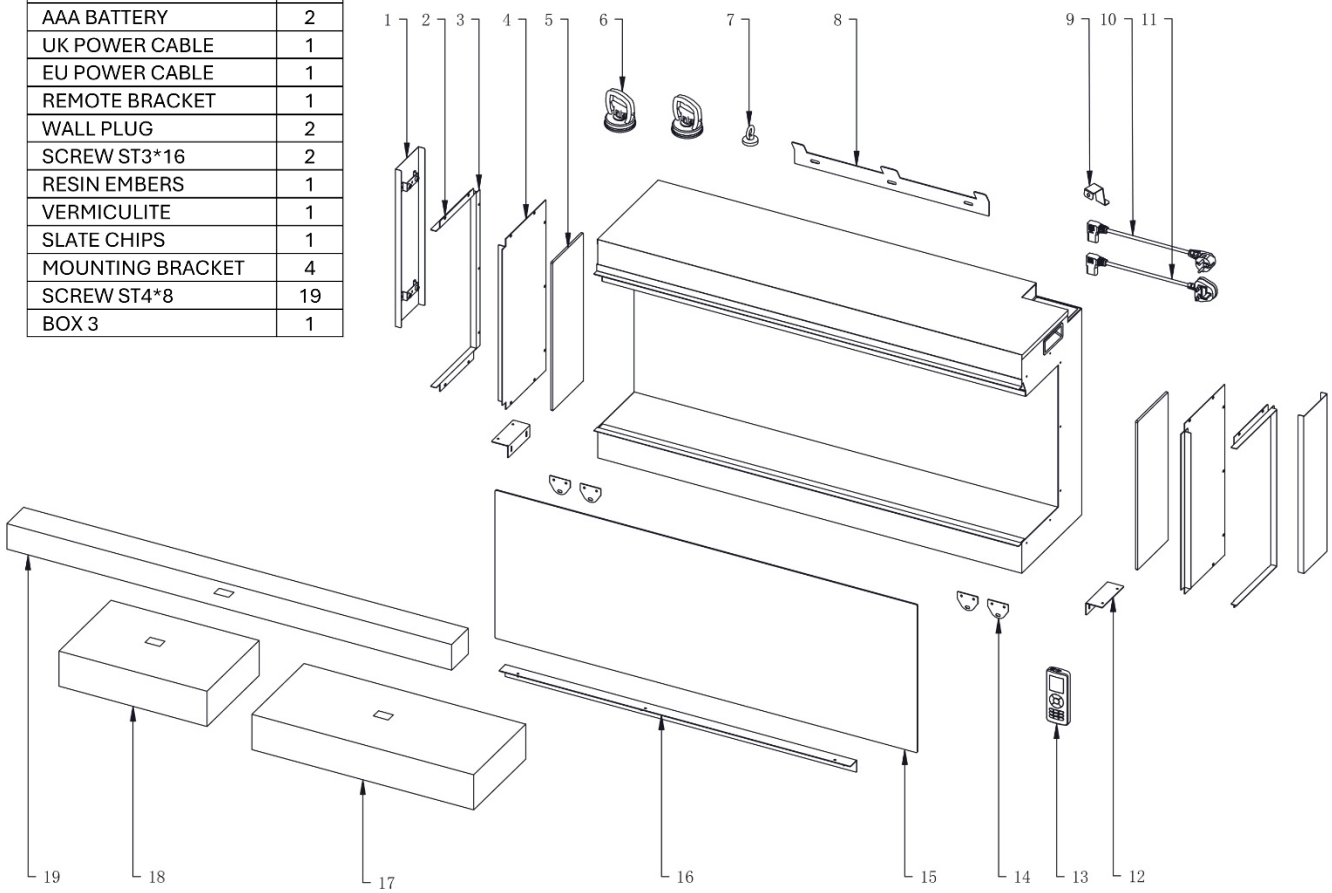
Typically in such installations, the kit will be connected when the appliance is placed onto the wooden purpose built base. The appliance should then be fixed to the wall or framework at that point, ready for the remainder of the installation to be constructed around it to form the completed design. The LED strip can then be routed to its designated area, with care not to damage the strip or cable during the process. Damage can occur if the strip or cable is stretched or snagged on part of the structure/installation. If the cable is damaged at the point of the appliance, it may need to be replaced completed and this would not fall within the scope of the warranty. It is best practice to test that the Solus Ambient Light Kit is working correctly before the final boarding has been fitted to the installation. Once you are satisfied that the lighting is correctly working in accordance with the controls on the remote control, the final boarding or enclosure can take place and the installation can be finished.

When finishing the installation with a plaster, it is important to protect the appliance and ambient light kit from any water or plaster that can be spilled during that process. Plaster can be difficult to remove when dried and can damage the cable. Water must not be able to penetrate the cable or the appliance at any point during the installation build.

5. PARTS

BOX 1	
USER MANUAL	2
WARRANTY CARD	1
REMOTE HANDSET	1
AAA BATTERY	2
UK POWER CABLE	1
EU POWER CABLE	1
REMOTE BRACKET	1
WALL PLUG	2
SCREW ST3*16	2
RESIN EMBERS	1
VERMICULITE	1
SLATE CHIPS	1
MOUNTING BRACKET	4
SCREW ST4*8	19
BOX 3	1

VS100+ / VS130+ / VS150+ MODELS



BOX 2	
LOG SET	1

BOX 3	
MAGNETIC SIDE PANEL	2
SIDE GLASS TRIM (SIDE)	2
SIDE GLASS TRIM (TOP)	4

BOX 4	
SHELF SUPPORT BRACKET (LONG)	1
SHELF SUPPORT BRACKET (SHORT)	2

PART	DESCRIPTION AND QUANTITY	PART	DESCRIPTION AND QUANTITY
1	MAGNETIC SIDE DECORATIVE PANEL X 2	11	UK POWER CABLE X 1
2	SIDE GLASS TRIM (TOP/BOTTOM) X 4	12	SHELF SUPPORT BRACKET (SHORT) X 2
3	SIDE GLASS TRIM (SIDE) X 2	13	REMOTE CONTROL HANDSET X 1
4	METAL SIDE PANEL X 2	14	SMALL MOUTING BRACKET X 4
5	SIDE GLASS PANEL X 2	15	FRONT GLASS PANEL X 1
6	GLASS SUCKER X 2	16	GLASS RETAINING BAR X 1
7	MAGNET TOOL X 1	17	BOX 2
8	WALL MOUNTING BRACKET X 1	18	BOX 1
9	POWER CABLE SECURING BRACKET X 1	19	BOX 4
10	EU POWER CABLE X 1	20	

5. PARTS

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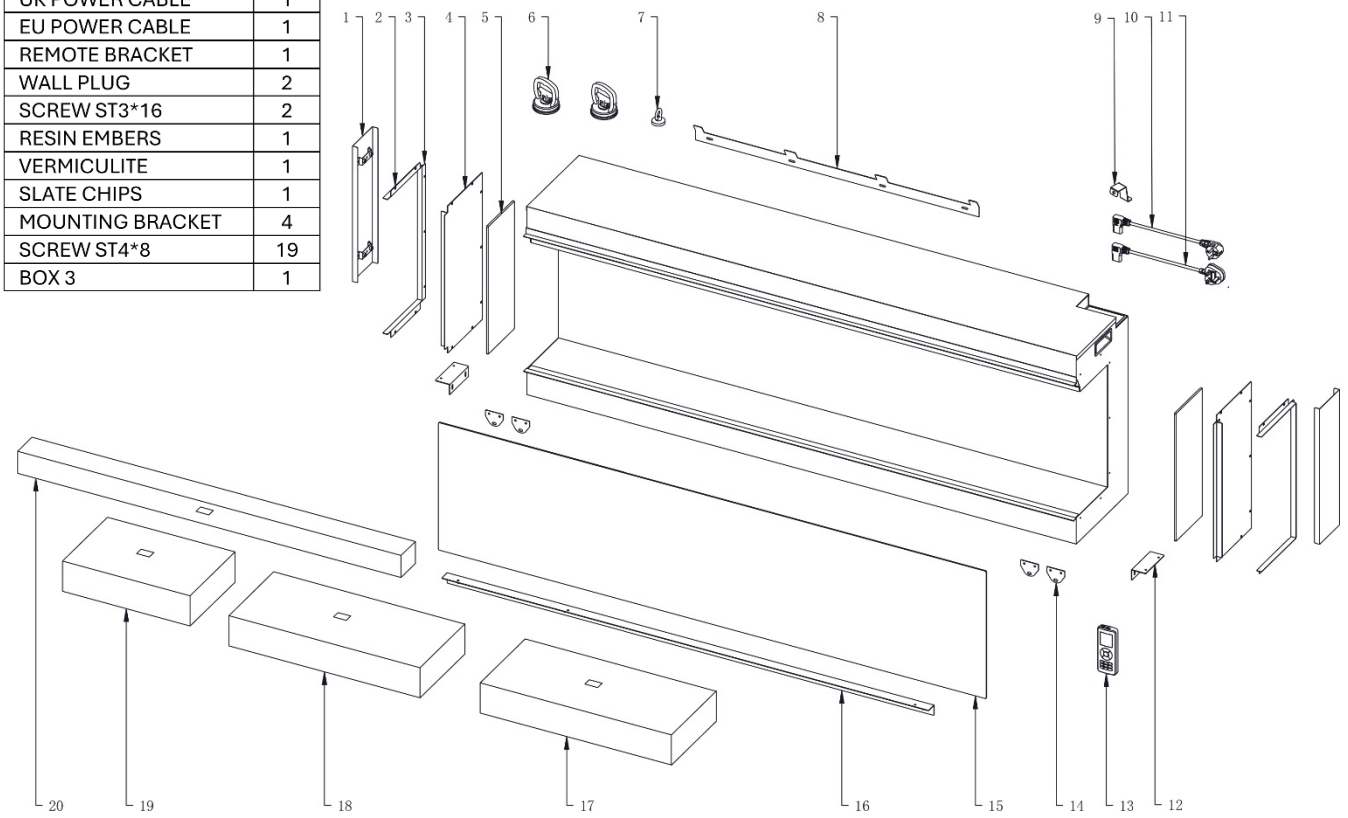
WALL PLUG	2
SCREW ST3*16	2
RESIN EMBERS	1
VERMICULITE	1
SLATE CHIPS	1
MOUNTING BRACKET	4
SCREW ST4*8	19
BOX 3	1

VS180+ / VS220+ MODELS



BOX 2	
LOG SET	1

BOX 5	
LOG SET	1

BOX 3	
MAGNETIC SIDE PANEL	2
SIDE GLASS TRIM (SIDE)	2
SIDE GLASS TRIM (TOP)	4

BOX 4	
SHELF SUPPORT BRACKET (LONG)	1
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PART	DESCRIPTION AND QUANTITY	PART	DESCRIPTION AND QUANTITY
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9	POWER CABLE SECURING BRACKET X 1	19	BOX 1
10	EU POWER CABLE X 1	20	BOX 4

6. INSTALLATION

Before installation, check that all parts are included and undamaged. If the appliance is damaged, check with the supplier before installation and operation. If the mains power supply lead is damaged in any way, it must be replaced by a suitable equivalent approved by the manufacturer.

The main box contains the appliance, a suction cup and a magnet tool. Packed with the appliance (behind the glass panel) are additional boxes each with a contents list printed on the outside of each box.

GLASS REMOVAL – ACCESSING PARTS

To gain access to various contents required for installation follow steps shown in Fig.1 through to Fig.4 to remove the glass panel on the front of the appliance.

FIG. 1

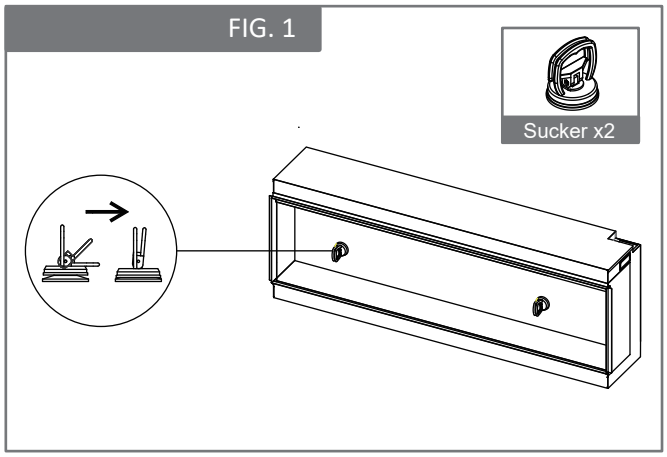


FIG. 2

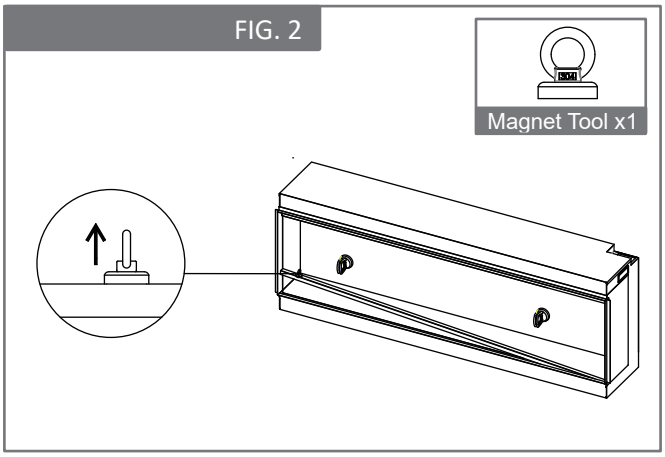


FIG. 3

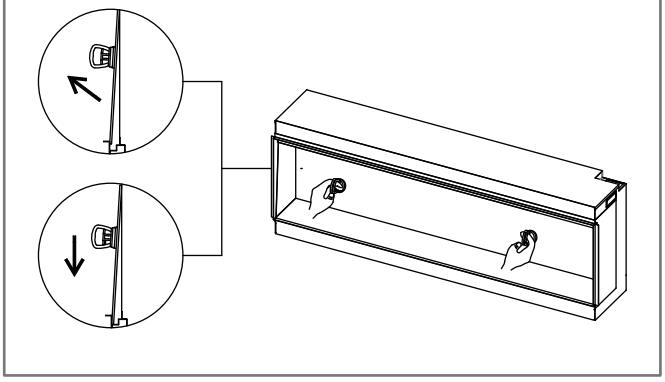
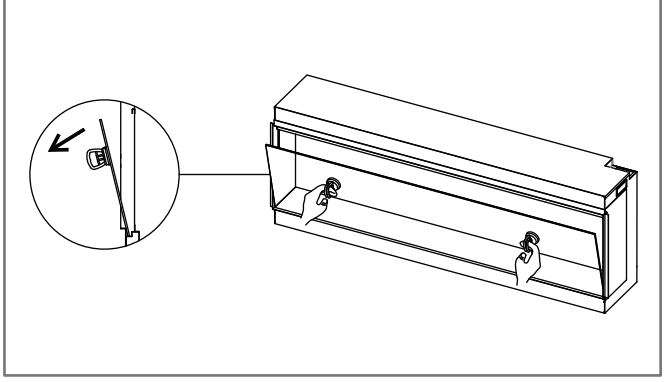


FIG. 4



REMOVAL OF WALL MOUNTING BRACKET

The wall mounting bracket is secured to the rear panel of the appliance. Remove the screws and the wall mounting bracket and put aside for later use – see Fig. 5.

POWER CABLE

After inserting the power cable into the socket on the top right side of the appliance, secure in place using the power cable securing bracket and ST4*8 screw – see Fig.6.

6. INSTALLATION

ASPECT TYPE

The appliance can be installed in three different aspects:

- Front (1 glass panel)
- Corner (2 glass panels)
- Panoramic (3 glass panels)

Front Aspect

Your appliance will arrive in a **front** aspect with metal side panels already fitted – see Fig. 7.

Corner Aspect

For a corner aspect, choose which side you want to feature a glass panel and remove the 7 screws that secure the metal side panel to the appliance – see Fig. 8. Carefully remove the panel and keep the screws in a safe place. Using the removed screws, take **2 top/bottom** side glass edge trims and **1 side** side glass edge trim and screw them to the appliance as shown below – see Fig. 9.

Panoramic Aspect

For a panoramic aspect, repeat the corner aspect procedure on the opposite side of the appliance – see Fig. 10.

FIG. 5

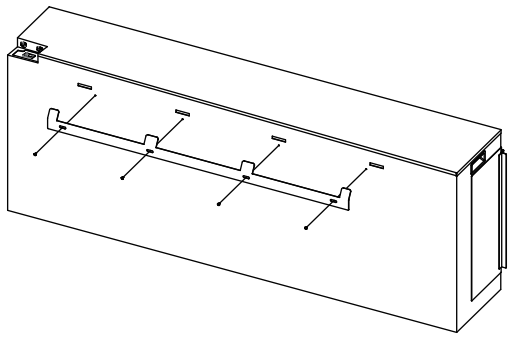


FIG. 6

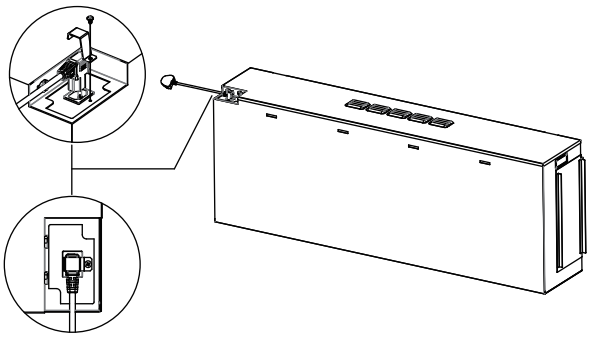


FIG. 7

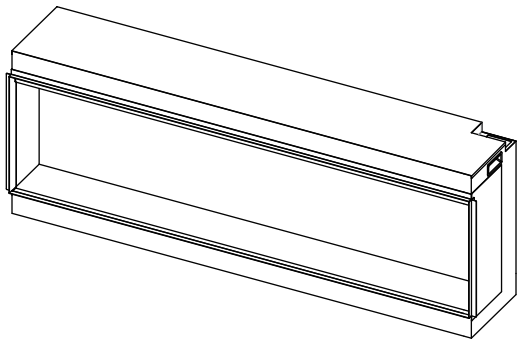


FIG. 8

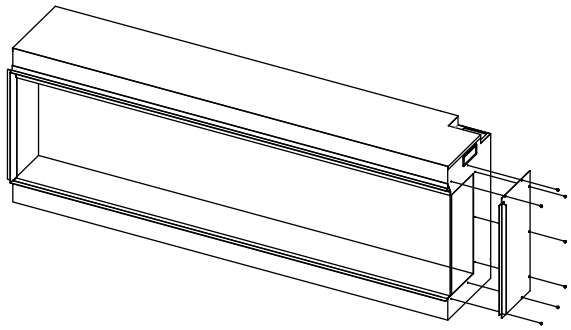


FIG. 9

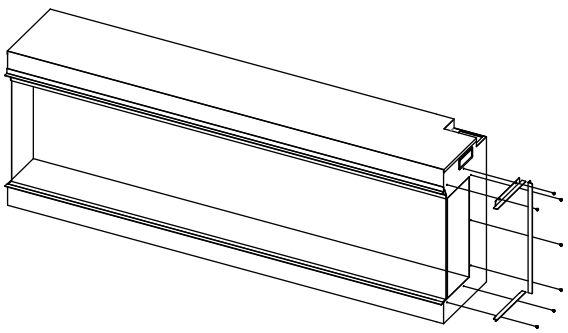
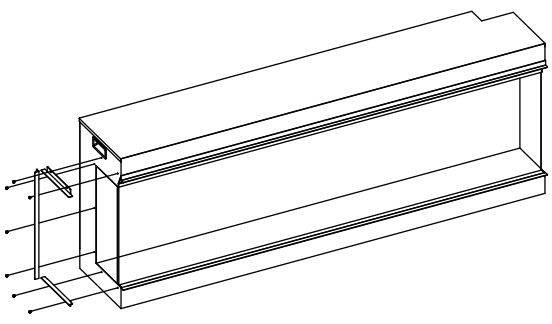


FIG. 10



6. INSTALLATION

The manufacturer does not accept any liability for any injuries or damages that may occur due to improper handling or installation. Ensure that the wall upon which the appliance is to be installed and any wall fixings used are sufficiently strong enough to hold the weight of the appliance (appliance weight can be found printed on the packaging). Plasterboard alone is not considered a structural material and it is not recommended to reply solely on plasterboard fittings to support the weight of the appliance. If the appliance or any structure linked to the appliance is to be fitted to a wall with a timber frame construction, adequate wooden supporting members must be fitted using appropriate fixings. If this is not possible then steps must be taken to strengthen the wall before installation.

6.1 INSTALLATION TYPES

WALL MOUNTED

The appliance is supplied with a wall bracket which is secured to the rear of the appliance.

Step 1
Remove the bracket from the rear of the appliance, place the bracket in the desired position ensuring it is level, mark the fixing points and use appropriate fixings to secure to the wall.

Step 2
Attach the bottom mounting brackets to the appliance using x4 ST4 screws see Fig 11 the appliance then can be lifted on to the wall bracket to enable the bottom bracket fixing points to be marked on the wall. Then use suitable fixings to secure the bottom mounting brackets to the wall.

Note See details of the weight of the appliance in the technical information to help determine the correct fixings.

FIG. 11

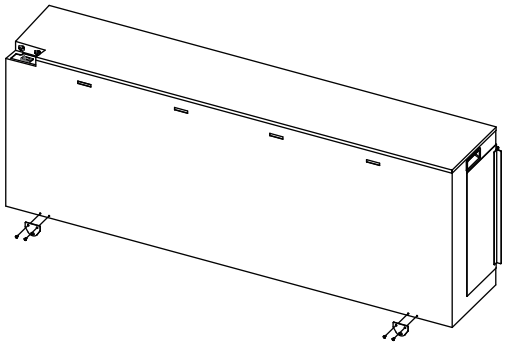
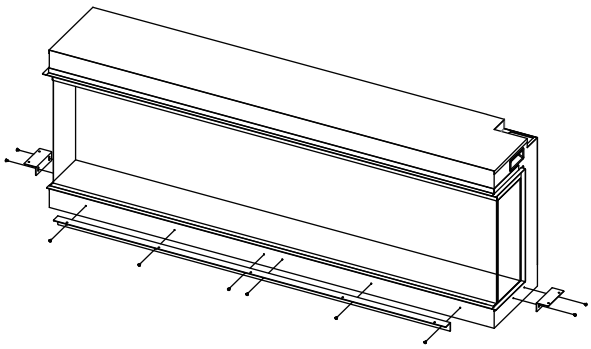


FIG. 12



SUITE ELEMENTS

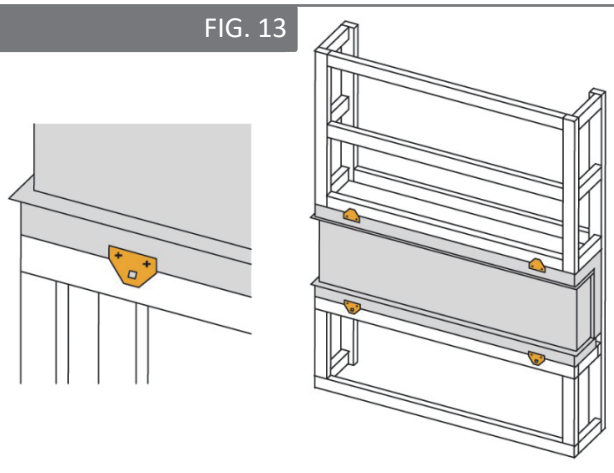
Suite elements can be fitted to the appliance using the shelf support brackets – see Fig. 12. The brackets can be adjusted up or down to suit a range of shelf material thicknesses from 15-24mm. Once the correct thickness has been set, offer the shelf to the appliance in a smooth manner.

STUD/FEATURE WALL

Ensure that the stud wall has a supporting header – the weight of the finished wall should not rest on the top of the appliance. The base of the stud work must be able to take the full weight of the appliance.

The 4 small mounting brackets can be fitted to the appliance as shown in Fig. 13 for securing to a timber frame.

FIG. 13

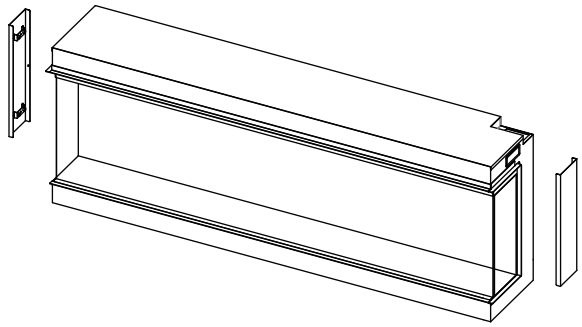


6. INSTALLATION

MAGNETIC SIDE DECORATIVE PANELS

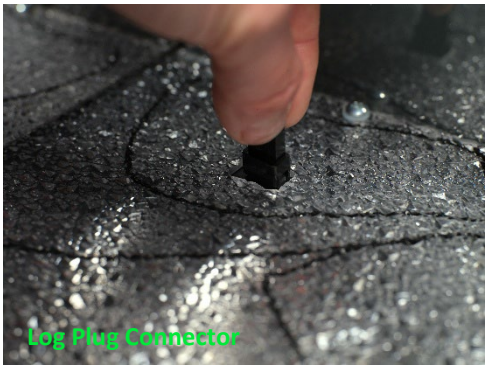
The appliance is supplied with 2 magnetic panels that can be fitted when installing in a panoramic or corner aspect. These panels are simply positioned against the side of the appliance, behind the side glass edge trim – see Fig. 14.

FIG. 14



7. FUEL BED SETUP – VS100+

All logs and fuel elements are marked with an individual code. The fuel bed is also marked with the same corresponding code and accompanying stencilled outline. Most of the logs feature a small peg on the underside that will slot into a corresponding hole on the fuel bed.



Most of the logs feature internal LED illumination. These need to be plugged into ports located on the fuel bed. **Take care not to damage the connector pins at this point as it may result in malfunction.**

Follow the sequence steps detailed below.

VS100+

Step 1: Position log BM-3 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 2: Position log BM-4 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 3: Position log BM-8 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS100+

Step 4: Position logs U-9 and P-15 onto the corresponding outline on the fuel bed. There are no pins to locate these logs and no wired connectors.

Step 5: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 6: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 7: Distribute the black resin embers around the base of the logs ensuring good coverage both in front and behind the logs (consider the fuel bed reflection on the flame screen). Pile the embers up against the base of the logs.

7. FUEL BED SETUP – VS100+

Step 8: Place the small bark pieces randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all bark pieces are required – use according to preference.

Step 9: Place the grey slate chips randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all grey slate chips are required – use according to preference.

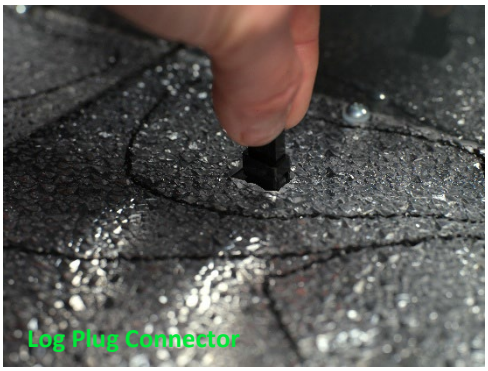
Step 10: Turn on the appliance to illuminate the logs and fuel bed and check for correct illumination, good coverage of fuel bed elements and make adjustments accordingly to suit your preference.

7. FUEL BED SETUP – VS130+

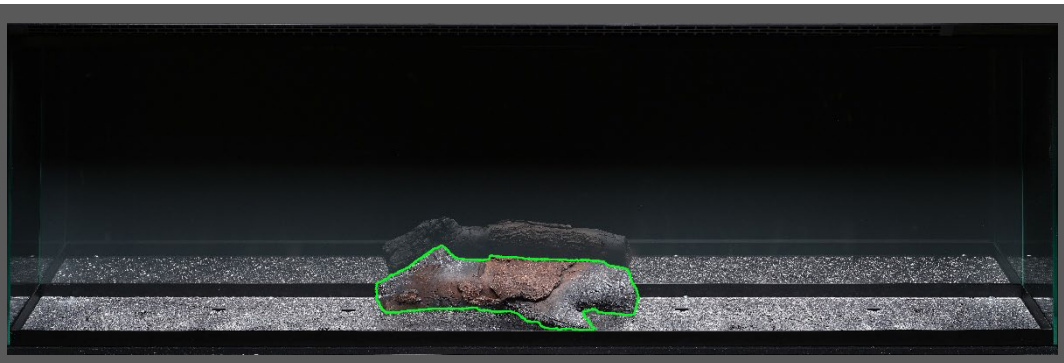
All logs and fuel elements are marked with an individual code. The fuel bed is also marked with the same corresponding code and accompanying stencilled outline. Most of the logs feature a small peg on the underside that will slot into a corresponding hole on the fuel bed.

Most of the logs feature internal LED illumination. These need to be plugged into ports located on the fuel bed. **Take care not to damage the connector pins at this point as it may result in malfunction.**

Follow the sequence steps detailed below.



VS130+



Step 1: Position log BM-3 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 2: Position log BM-4 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 3: Position log BM-1 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS130+

Step 4: Position log BM-7 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 5: Position log BM-8 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 6: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 7: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS130+

Step 8: Distribute the black resin embers around the base of the logs ensuring good coverage both in front and behind the logs (consider the fuel bed reflection on the flame screen). Pile the embers up against the base of the logs.

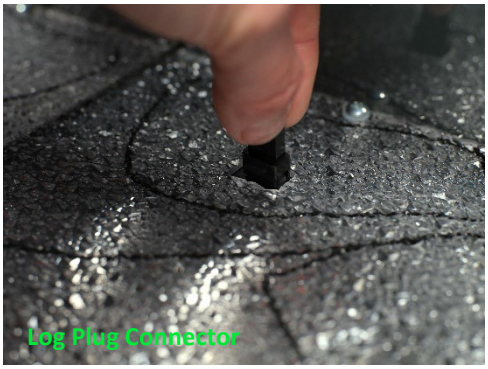
Step 9: Place the small bark pieces randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all bark pieces are required – use according to preference.

Step 10: Place the grey slate chips randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all grey slate chips are required – use according to preference.

Step 11: Turn on the appliance to illuminate the logs and fuel bed and check for correct illumination, good coverage of fuel bed elements and make adjustments accordingly to suit your preference.

7. FUEL BED SETUP – VS150+

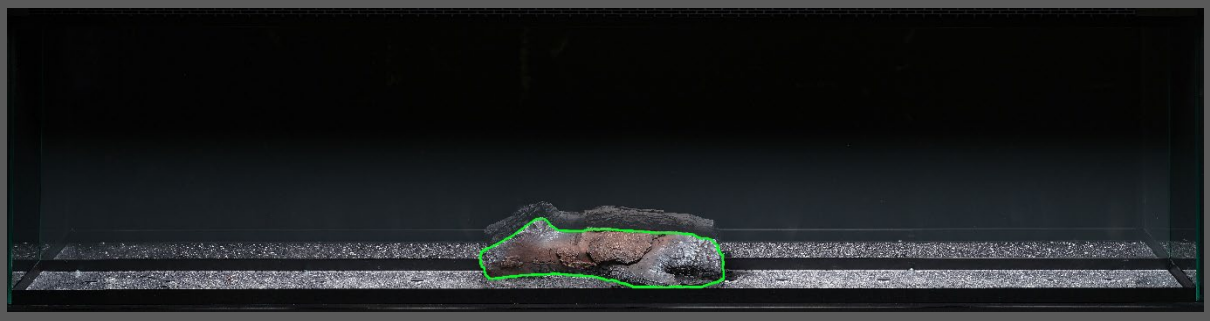
All logs and fuel elements are marked with an individual code. The fuel bed is also marked with the same corresponding code and accompanying stencilled outline. Most of the logs feature a small peg on the underside that will slot into a corresponding hole on the fuel bed.



Most of the logs feature internal LED illumination. These need to be plugged into ports located on the fuel bed. **Take care not to damage the connector pins at this point as it may result in malfunction.**

Follow the sequence steps detailed below.

VS150+



Step 1: Position log BM-3 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 2: Position log BM-4 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 3: Position log BM-1 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS150+

Step 4: Position log BM-7 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 5: Position log BM-8 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 6: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 7: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS150+

Step 8: Position logs P-15 and U-9 onto the corresponding outline on the fuel bed. There are no pins to locate these logs and no wired connectors.

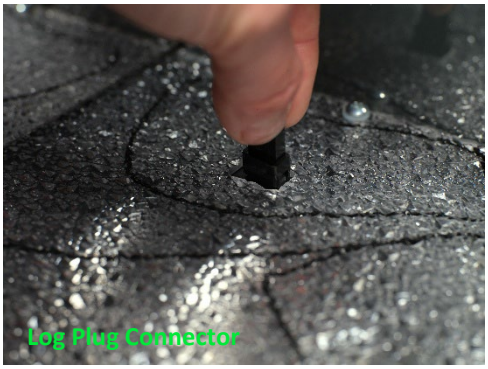
Step 9: Distribute the black resin embers around the base of the logs ensuring good coverage both in front and behind the logs (consider the fuel bed reflection on the flame screen). Pile the embers up against the base of the logs.

Step 10: Place the small bark pieces randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all bark pieces are required – use according to preference.

Step 11: Place the grey slate chips randomly around the fuel bed. Turn on the appliance to illuminate the logs and fuel bed and check for correct illumination, good coverage of fuel bed elements and make adjustments accordingly to suit your preference.

7. FUEL BED SETUP – VS180+

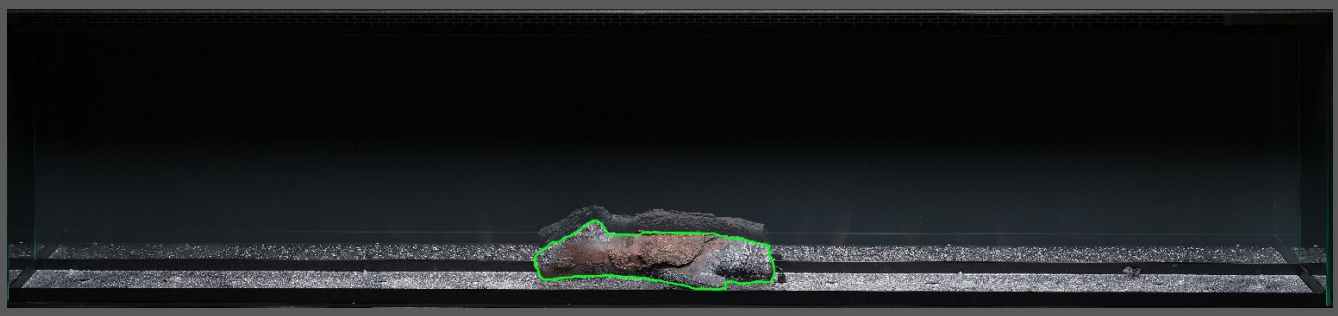
All logs and fuel elements are marked with an individual code. The fuel bed is also marked with the same corresponding code and accompanying stencilled outline. Most of the logs feature a small peg on the underside that will slot into a corresponding hole on the fuel bed.



Most of the logs feature internal LED illumination. These need to be plugged into ports located on the fuel bed. **Take care not to damage the connector pins at this point as it may result in malfunction.**

Follow the sequence steps detailed below.

VS180+



Step 1: Position log BM-3 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 2: Position log BM-5 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 3: Position log BM-1 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS180+

Step 4: Position log BM-4 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 5: Position log BM-8 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 6: Position log BM-7 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 7: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS180+

Step 8: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 9: Position log BM-1 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 10: Position log P-15 onto the corresponding outline on the fuel bed. There is no pin to locate this log and no wired connector.

Step 11: Distribute the black resin embers around the base of the logs ensuring good coverage both in front and behind the logs (consider the fuel bed reflection on the flame screen). Pile the embers up against the base of the logs.

7. FUEL BED SETUP – VS180+

Step 12: Place the small bark pieces randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all bark pieces are required – use according to preference.

Step 13: Place the grey slate chips randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all grey slate chips are required – use according to preference.

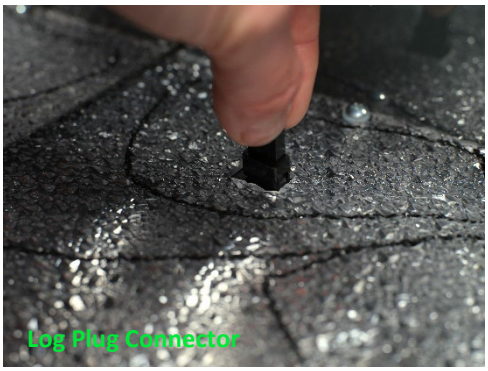
Step 14: Turn on the appliance to illuminate the logs and fuel bed and check for correct illumination, good coverage of fuel bed elements and make adjustments accordingly to suit your preference.

7. FUEL BED SETUP – VS220+

All logs and fuel elements are marked with an individual code. The fuel bed is also marked with the same corresponding code and accompanying stencilled outline. Most of the logs feature a small peg on the underside that will slot into a corresponding hole on the fuel bed.

Most of the logs feature internal LED illumination. These need to be plugged into ports located on the fuel bed. **Take care not to damage the connector pins at this point as it may result in malfunction.**

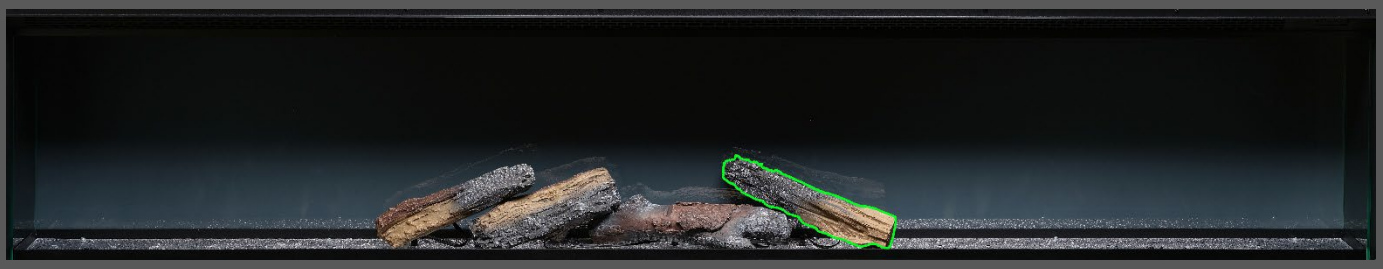
Follow the sequence steps detailed below.



VS220+

Step 1: Position logs BM-3 and BM-5 onto the corresponding outlines on the fuel bed, locating the pegs on the underside of the logs into the holes in the fuel bed.

Step 2: Position log BM-4 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.



Step 3: Position log BM-1 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS220+

Step 4: Position log BM-7 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 5: Position log BM-8 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 6: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 7: Position log BM-2 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

7. FUEL BED SETUP – VS220+

Step 8: Position log BM-1 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 9: Position log BM-4 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 10: Position log BM-6 onto the corresponding outline on the fuel bed, locating the peg on the underside of the log into the hole in the fuel bed.

Step 11: Position logs U-9 and P-15 onto the corresponding outline on the fuel bed. There are no pins to locate these logs and no wired connectors.

7. FUEL BED SETUP – VS220+

Step 12: Distribute the black resin embers around the base of the logs ensuring good coverage both in front and behind the logs (consider the fuel bed reflection on the flame screen). Pile the embers up against the base of the logs.

Step 13: Place the small bark pieces randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all bark pieces are required – use according to preference.

Step 14: Place the grey slate chips randomly around the fuel bed. These can be used to conceal any exposed log cables. Note that not all grey slate chips are required – use according to preference.

Step 15: Turn on the appliance to illuminate the logs and fuel bed and check for correct illumination, good coverage of fuel bed elements and make adjustments accordingly to suit your preference.

8. OPERATION

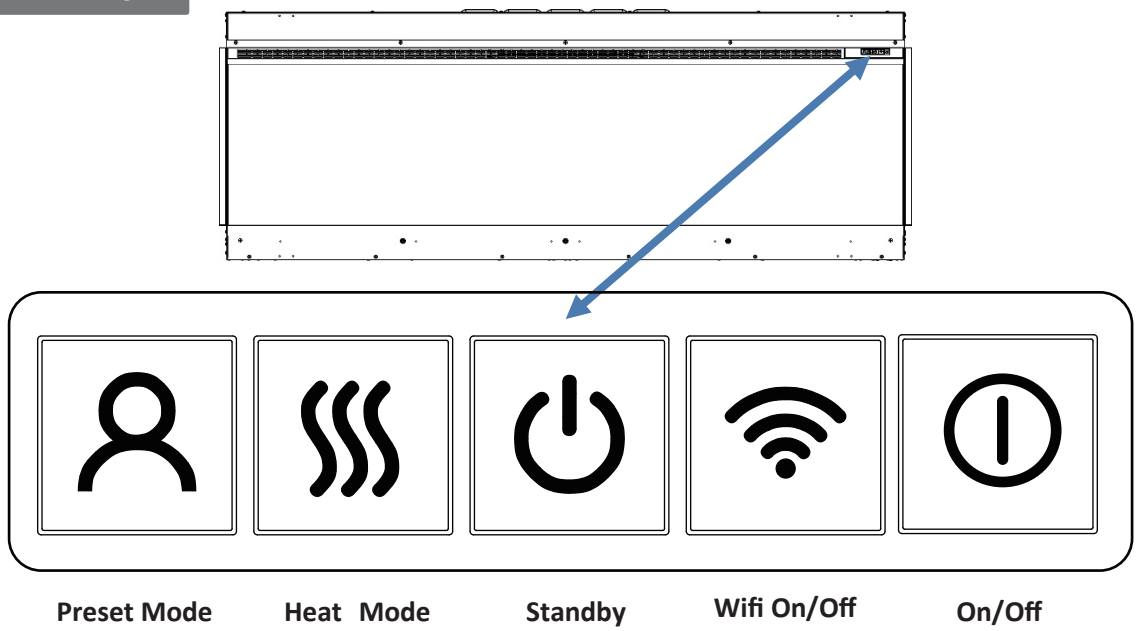
DISPLAY MODE

For showroom use, the fire can be placed into 'Display Mode' by pressing buttons 5 and 11 on the remote control together and holding for 3 seconds until a long beep is heard. This will set the fire to Preset 1 and, if settings are changed, will revert the fire to Preset 1 after 5 minutes of inactivity. To exit Display Mode, press and hold buttons 5 and 11 together until another long beep is heard.

The appliance can be operated conveniently in 4 different ways: manually, via the remote control handset, via the dedicated iOS/Android app, or by voice control using an Alexa or Google Home assistant device.

8.1 MANUAL CONTROL

FIG. 17



Each time a button is pressed on the appliance or on the remote control an audible beep is emitted. To turn off this feature hold your finger on the Preset Mode button (on the appliance) for 3 Seconds.

On/Off
Press to turn on power to the appliance. Button pushed in indicates power is on, button pushed out indicates power is off.

Wifi On/Off
Press to turn wifi on or off. An illuminated LED on the button indicates that wifi is turned on. Hold button for 3 seconds to enter device pairing mode.

Standby
Turns on the appliance with the last used settings without any heat. Places the appliance into standby mode with all features turned off.

Heat Mode
1 press = cool blow. 2 press = low heat setting. 3 press = high heat setting. 4 press = no heat/no cool blow.

Preset Mode
Press repeatedly to cycle through the 6 fire preset modes (+3 user defined presets if programmed).

8.2 OPERATION – REMOTE CONTROL

Ensure that 2 AAA batteries are inserted into the remote control handset. The battery power level is indicated by the column of bars to the right side of the temperature display when the appliance is in standby mode. 5 bars indicates the batteries are full, 1 bar indicates the batteries are empty and need to be replaced immediately.

IMPORTANT: The remote control handset must be left in the same room as the appliance as it houses the thermostat that regulates heat output.

Remote Control Setup
Press and hold the Standby button on the appliance until you hear two beeps, release the button. Press Standby button on the remote control handset and you will hear one beep. The remote is connected with the appliance.

Button 1: Preset Mode
Repeatedly press to cycle through the 6 preset fire modes (+ 3 user defined presets if programmed).

On screen Pr.1 = Autumn Campfire
On screen Pr.2 = Ember Glow
On screen Pr.3 = Inferno
On screen Pr.4 = Noir
On screen Pr.5 = Fire & Ice
On screen Pr.6 = Nebula
On screen Pr.7 = User Preset
On screen Pr.8 = User Preset
On screen Pr.9 = User Preset

There are 3 preset slots allocated for the user to save personalised e-fire creations. Simply choose the flame colour and brightness level, the fuel bed colour and brightness level and fuel bed down light colour and brightness level. One you have selected your desired combination, press and hold the Preset Mode button for 3 seconds until the LCD displays FL.7. Press – and + buttons to select a slot number between 7-9. Press and hold the Preset Mode button for 3 seconds to confirm the preset.

Button 2: Standby
Turns on the appliance with the last used settings without any heat. Places the appliance into standby mode with all features turned off.

Button 3&9: Minus & Plus
Use to navigate through different on-screen menus.

Button 4: Flame Speed
Press once to enter flame speed menu – SPd will show on the LCD screen. Press the plus and minus buttons to adjust the flame speed. The flame speed is indicated on screen by bars – 1 bar is the slowest setting; 5 bars is the fastest setting.

8.2 OPERATION – REMOTE CONTROL

Button 5: Flame Colour
Repeatedly press to cycle through flame colour menu. Whilst in the flame colour menu, press the plus and minus buttons to increase and decrease the flame brightness - 1 bar is the dimmest setting, 5 bars is the brightest setting.

On screen FL.0 = Flame off
On screen FL.1 = Red
On screen FL.2 = Orange
On screen FL.3 = Yellow
On screen FL.4 = Green
On screen FL.5 = Light Blue
On screen FL.6 = Dark Blue
On screen FL.7 = Violet
On screen FL.8 = White
On screen FL.9 = Multi-colour change

Button 6: Fuel Bed Colour
Repeatedly press to cycle through fuel bed colour menu. Whilst in the fuel bed colour menu, press the plus and minus buttons to increase and decrease the fuel bed brightness - 1 bar is the dimmest setting, 5 bars is the brightest setting.

On screen Fb.0 = Flame off
On screen Fb.1 = Red
On screen Fb.2 = Orange
On screen Fb.3 = Yellow
On screen Fb.4 = Green
On screen Fb.5 = Light Blue
On screen Fb.6 = Dark Blue
On screen Fb.7 = Violet
On screen Fb.8 = White
On screen Fb.9 = Multi-colour change

Button 7: Timer Mode
Repeatedly press to cycle through timer options. Select an amount of time for the appliance to operate then automatically turn off. Choose between .5, 1, 2, 3, 4, 5, 6, 7, 8, 9 hours.

Button 8: Fuel Bed Down Light
Repeatedly press to cycle through fuel bed down light colour menu. Whilst in the fuel bed down light colour menu, press the plus and minus buttons to increase and decrease the fuel bed brightness - 1 bar is the dimmest setting, 5 bars is the brightest setting.

On screen dL.0 = Flame off
On screen dL.1 = Red
On screen dL.2 = Orange
On screen dL.3 = Yellow
On screen dL.4 = Green
On screen dL.5 = Light Blue
On screen dL.6 = Dark Blue
On screen dL.7 = Violet
On screen dL.8 = White
On screen dL.9 = Multi-colour change

8.2 OPERATION – REMOTE CONTROL

Button 10: Heater Mode
Press to cycle through the heat output options.

1 press: Co.A = Cool blow setting
2 press: H.Lo = Low heat setting
3 press: H.HI = High heat setting
4 press: no.H = No Heat

Whilst in heater mode after selecting low or high heat setting, press the – and + buttons to select the temperature you want the room to reach. Note: if the room temperature is already higher than the temperature selected, the heater will not activate. To switch between ℃/℉ hold down the – and + buttons for 3 seconds.

Open Window Detection is an innovative eco feature that detects a rapid drop in room temperature caused by an open window. The warning word "OPn" will be displayed on the screen and the heater will be turned off. If the room temperature rises or the remote control is operated manually, the heater will return to its normal working state.

Button 11: Sound Effect
Press to open the open the sound effect menu.

1 press: S.on = Sound effect on
2 press: no.S = Sound effect off

Whilst in the sound effect menu, press the plus and minus buttons to increase and decrease the volume - 1 bar is the quietest setting, 5 bars is the loudest setting.

Button 12: Ambient Lighting (if appliance is fitted with optional Ambient Lighting Kit)
Repeatedly press to turn on ambient lighting and cycle through the different colour options.

Button 13: Eco Mode eco
Press to activate Eco mode. This mode will reduce the brightness of all lighting modes and limit the heat output to low setting, resulting in reduced energy consumption. Press the button a second time to exit Eco mode.

Button 14: Log Colour
Repeatedly press to cycle through log colour menu. Whilst in the log colour menu, press the plus and minus buttons to increase and decrease the fuel bed brightness - 1 bar is the dimmest setting, 5 bars is the brightest setting.

On screen Lc.0 = Logs off
On screen Lc.1 = Red
On screen Lc.2 = Orange
On screen Lc.3 = Yellow
On screen Lc.4 = Green
On screen Lc.5 = Light Blue
On screen Lc.6 = Dark Blue
On screen Lc.7 = Violet
On screen Lc.8 = White
On screen Lc.9 = Multi-colour auto change

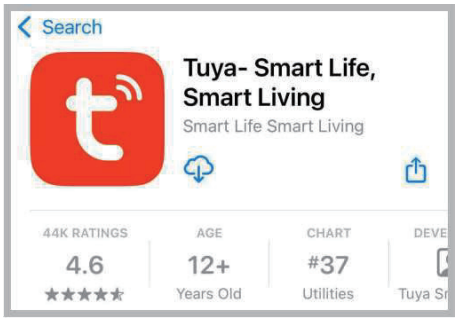
8.3 OPERATION – APP CONTROL

To connect your appliance to the Vision E-Line Solus app you will need the following:

- ✓ A device running android or ios such as a tablet or smart phone
- ✓ Network within range of the fire
- ✓ Valid email address, which you are able to access for verification

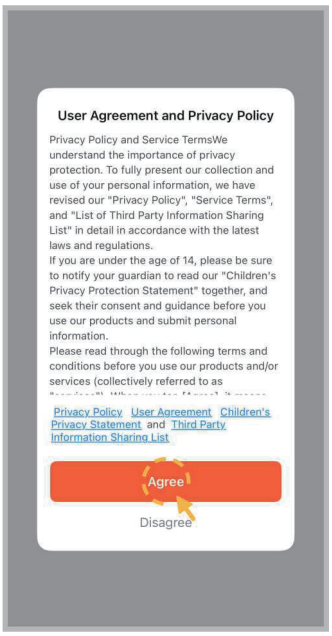
STEP 1. DOWNLOAD THE TUYA APP AND CREATE A USER ACCOUNT

Download the Tuya app from your app store.



Once downloaded, the TUYA icon will apear on your device's home screen, you can now open this app by tapping the icon.

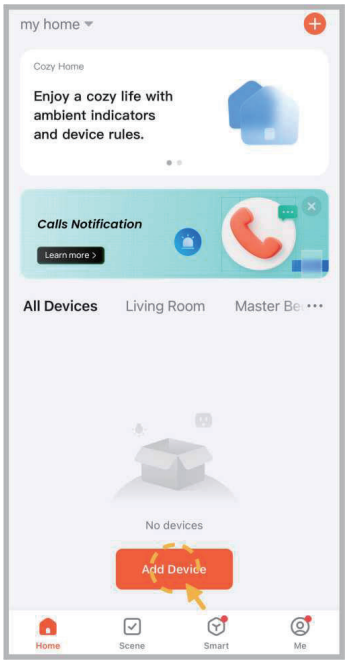
Follow the directions in the app to create an account. A valid email address will be required to complete the account set up process. Once your account is set up you will receive a number of permissions, please follow the on screen prompts.

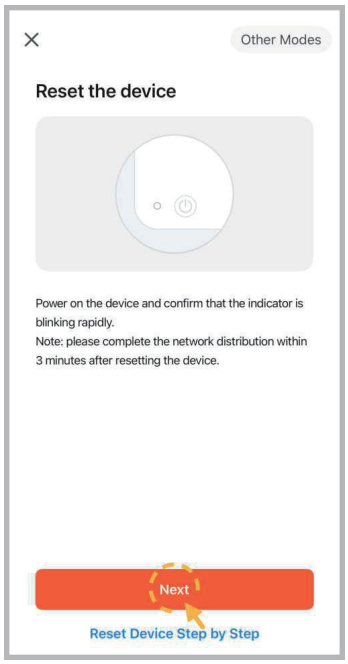


8.3 OPERATION – APP CONTROL

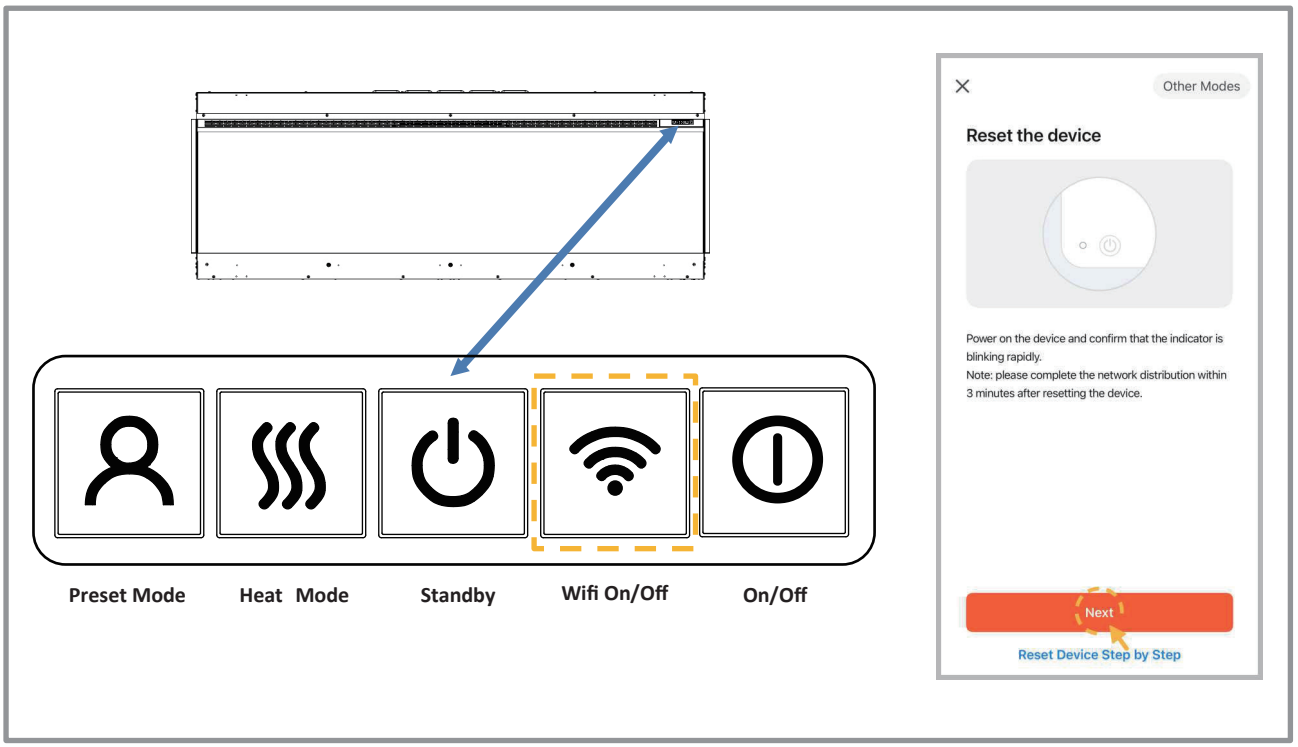
STEP 2. CONNECT YOUR APPLIANCE TO THE APP

Now you can begin the process of connecting your appliance to the app. At the home screen press the 'Add Device' button. Select 'Small Home Appliances', then select Electric Fireplace.



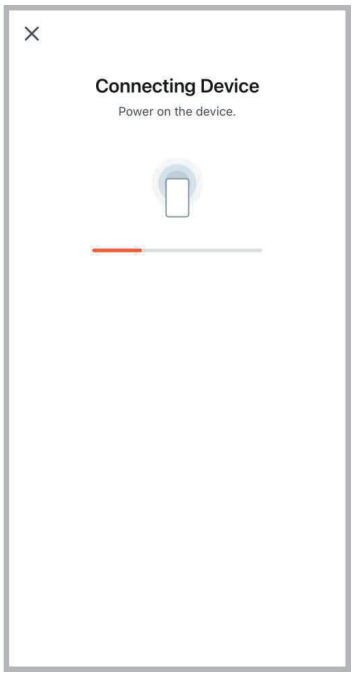


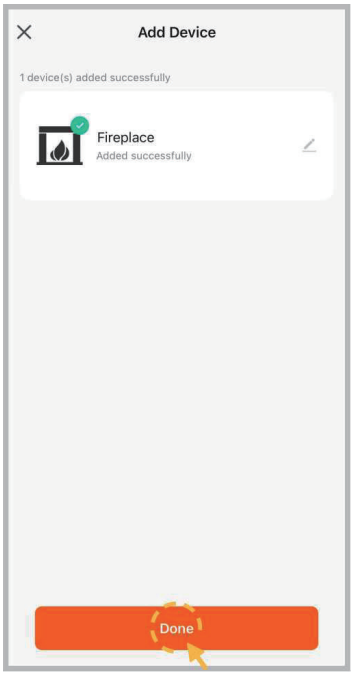
Press and hold the Wi-Fi button on the appliance. You will hear **3 beeps**, and the indicator flashes quickly. Confirm the indicator is flashing and press 'Next'.

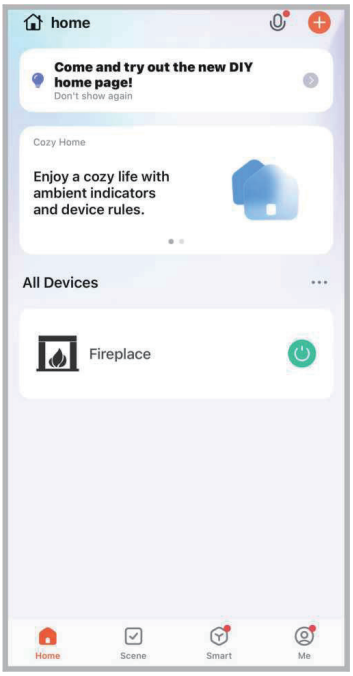


8.3 OPERATION – APP CONTROL

Select WiFi network and enter password, then press ‘Next’.







The appliance is added when the fuel bed turns green. Click ‘Done’ to complete pairing.

STEP 3. SUCCESSFUL PAIRING

On successful pairing you can now use the Vision E-Line app to control your appliance. Your appliance will now be listed as a device in the Tuya home screen. Select the appliance to begin using the Vision E-line app. To turn the fire on use the power button as highlighted in the illustraion below.

8.4 OPERATION – VOICE CONTROL

An Amazon Alexa or Google Assistant smart device is required to utilise the voice control system. After setting up your VS appliance with the Tuya app, connect it to your chosen smart device as follows:

In the Tuya app, select your appliance which will take you to the Vision E-line home page (stating 'Living Room' and showing the circular temperature dial). Tap the **Settings** icon (depicted by a pen and lines) in the top right-hand corner of the screen. Next, tap '**Third-party Control**' and choose either **Alexa** or **Google Assistant**. Finally, click either '**Link to Amazon Alexa**' or '**Link to Google Assistant**' and follow the on-screen instructions to complete the pairing setup.

Once paired, the following voice commands can be used:

Note: <my fireplace> refers to the name set for the VS appliance within the smart device settings. This can be changed to suit your preference.

Google Device	
Function	**Command**
Fireplace On/Off	OK Google, turn on <my fireplace> OK Google, turn off <my fireplace>
Flame On/Off	OK Google, activate flame for the <my fireplace> OK Google, cancel flame for the <my fireplace>
Heater On/Off	OK Google, activate heater for the <my fireplace> OK Google, cancel heater for the <my fireplace>
Heater Cool Air/Low/High	OK Google, set heat mode on <my fireplace> to low OK Google, set heat mode on <my fireplace> to high OK Google, set heat mode on <my fireplace> to cool air
Eco Mode On/Off	OK Google, activate Eco for the <my fireplace> OK Google, cancel Eco for the <my fireplace>
Flame Colour	OK Google, set flame colour on <my fireplace> to colour 1 (or 2, 3, 4, 5, 6, 7, 8, 9)
Mood Light On/Off	OK Google, activate mood light for the <my fireplace> OK Google, cancel mood light for the <my fireplace>
Sound Effect On/Off	OK Google, activate sound effect for the <my fireplace> OK Google, cancel sound effect for the <my fireplace>
Set Room Temperature	OK Google, set <my fireplace> temperature to N Celsius (N=5-40)

8.4 OPERATION – VOICE CONTROL

Alexa Device	
Function	**Command**
Fireplace On/Off	Alexa, turn on <my fireplace> Alexa, turn off <my fireplace>
Flame On/Off	Alexa, turn on flame on <my fireplace> Alexa, turn off flame on <my fireplace>
Heater On/Off	Alexa, turn on heater on <my fireplace> Alexa, turn off heater on <my fireplace>
Heater Auto/Low/High	Alexa, set heat mode on <my fireplace> to low Alexa, set heat mode on <my fireplace> to high Alexa, set heat mode on <my fireplace> to cool air
Eco Mode On/Off	Alexa, turn on Eco on <my fireplace> Alexa, turn off Eco on <my fireplace>
Flame Colour	Alexa, set flame colour on <my fireplace> to 1 (or 2, 3, 4, 5, 6, 7, 8, 9)
Fuel Bed Colour	Alexa, set fuel bed colour on <my fireplace> to 1 (or 2, 3, 4, 5, 6, 7, 8, 9)
Down Light Colour	Alexa, set down light colour on <my fireplace> to 1 (or 2, 3, 4, 5, 6, 7, 8, 9)
Mood Light On/Off	Alexa, turn on mood light on <my fireplace> Alexa, turn off mood light on <my fireplace>
Sound Effect On/Off	Alexa, turn on sound effect on <my fireplace> Alexa, turn off sound effect on <my fireplace>
Volume	Alexa, set the volume of <my fireplace> to N (N=0-100)
Set Room Temperature	Alexa, set <my fireplace> to N Celsius (N=5-40)

9. CLEANING AND MAINTENANCE

IMPORTANT: ALWAYS DISCONNECT THE APPLIANCE FROM THE POWER SUPPLY AND ALLOW TO COOL BEFORE CLEANING.

Any repairs or maintenance should only be carried out by a suitably qualified competent person.

The appliance should be occasionally cleaned using a dry cloth. Do not use detergents, abrasive cleaners of furniture polish.

To clean the glass, use a lightly damp cloth and ensure any moisture is dried fully using a lint free cloth.

Ensure that the heater vent is kept dust free by occasionally vacuuming the area using a brush attachment.

10. TROUBLESHOOTING

Resetting the Thermal Cut Out

The appliance is fitted with an Electronic Safety Control (E.S.C.). This is a safety device which switches off the fire if, for any reason, the appliance overheats, e.g. when covered. If the heater stops operating while the flame effect continues working normally, this indicates that the E.S.C. is in operation. The E.S.C. can only be reset after the appliance has cooled down and the appliance has been reset. Re-setting of the E.S.C. procedure is as follows:

1. Switch off the appliance (Manual On/Off switch) and leave it off for approximately 10-15 minutes.
2. Remove any obstruction to the fan heater outlet or fan blades etc. Make sure that the power supply is disconnected with the plug socket outlet while doing this.
3. Switch on the appliance and the E.S.C. will be reset.
4. Ensure that the appliance is functioning correctly. If the E.S. Control operates again, the appliance should be checked by a competent electrician.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Appliance will not turn on.	Problem with power supply.	Check that the appliance is plugged in to the power supply and switched on. Check and replace fuse in the plug if necessary. Check that the main power switch on the appliance is turned on.
Remote control does not work.	Batteries have expired.	Replace batteries.
	Remote has de-synched with appliance.	Ensure that the appliance is turned on. Re-synch the remote by pressing the **-** button and the **+** button at the same time and holding for 3 seconds.
No heat	Incorrect thermostat setting.	Increase the desired temperature higher than the current room temperature.
	Overheating may have engaged the E.S.C. feature.	See above for reset procedure.
Heat turns off before desired temperature is reached.	Open window detection has activated.	Check that any windows in the room are closed.

11. WARRANTY

NOTE: The warranty information below relates to purchases within the United Kingdom only.

Vision E-Line Solus appliances come with a standard 1-year warranty (parts & labour) when purchased through an authorised dealer. This can be extended for free to two years (parts only for year 2) by registering your appliance within 60 days of purchase.

Visit **www.visionfires.co.uk/warranty** to register your appliance, activate the free warranty extension, or to see details about the 6 year Premium Protect warranty package.

www.visionfires.co.uk

Electrical appliances should not be disposed as household waste. Separate collection facilities should be used in the disposal of electrical appliances. Contact your local government for information about the available collection systems. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

This fire complies with the Safety Standards EN 60335-1 and EN60335-2-30 which covers the essential requirements of the Low Voltage Directive 2014/35/EU and the EMC standards EN55014-1; EN55014-2; EN61000-3-2 and EN61000-3-3 which covers the essential requirements of the European Electro Magnetic Compatibility 2014/30/EU, and the RED standards EN300220-2, EN30148 9-1, EN301489-3 and EN6247 which covers the essential requirements of the European Radio Equipment Directive 2014/53/EU.

This fire complies with the Safety Standards BS 60335-1 and BS 60335-2-30 which covers the essential requirements of the Electrical Equipment (Safety) Regulations 2016 (S.I.2016/1101) and the EMC standards BS 55014-1; BS 55014-2; BS 61000-3-2 and BS 61000-3-3 which covers the essential requirements of the Electro Magnetic Compatibility Regulations 2016 (S.I.2016/1091).and the RED standards BS300220-2, BS301489-1,BS301489-3 and Bs6247 which covers the essential requirements of the European Radio Equipment Regulations 2017.